Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 15. (Canceled)

16.   (New) A recording method comprising:

receiving audio/video data to be written to a recording medium;

encoding said audio/video data using a given encoding method;

receiving a decoding program, wherein said decoding program is configured in a reverse

process from said given encoding method such that said decoding program is capable of

decoding said encoded audio/video data; and

writing both said encoded audio/video data and said decoding program onto said

recording medium.

17.   (New) The recording method of claim 16, wherein said writing both said

audio/video data and said decoding program includes

writing said audio/video data and said decoding program onto oblique recording tracks.

18.   (New) The recording method of claim 16, further comprising

writing said decoding program to storage means coupled to said recording medium.

19.   (New) A recording method comprising:

receiving audio/video data to be written to a recording medium;

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encoding said audio/video data using a given encoding method;

receiving a decoding program, wherein said decoding program is configured in a reverse process from said given encoding method such that said decoding program is capable of decoding said encoded audio/video data;

writing said audio/video data onto said recording medium; and

writing said decoding program to storage means coupled to said recording medium.

20.   (New) A recording apparatus comprising:

first receiving means for receiving audio/video data to be written to a recording medium;

encoding means for encoding said audio/video data using a given encoding method;

second means for receiving a decoding program, wherein said decoding program is configured in a reverse process from said given encoding method such that said decoding program is capable of decoding said encoded audio/video data; and

writing means for writing both said audio/video data and said decoding program onto said recording medium.

21.   (New) A reproducing method comprising:

reading audio/video data written on a recording medium, wherein said audio/video data was encoded using a given encoding method;

reading a decoding program written on said recording medium, wherein said decoding program is configured in a reverse process from said given encoding method such that said decoding program is capable of decoding said encoded audio/video data; and

decoding said audio/video data using said decoding program.

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22.   (New) A recording/reproducing method comprising:

receiving audio/video data to be written to a recording medium;

encoding said audio/video data using a given encoding method;

receiving a decoding program, wherein said decoding program is configured in a reverse process from said given encoding method such that said decoding program is capable of decoding said encoded audio/video data;

writing both said audio/video data and said decoding program onto said recording medium;

reading said audio/video data written on said recording medium;

reading said decoding program written on said recording medium; and

decoding said audio/video data using said decoding program.

23.   (New) A recording/reproducing method comprising:

receiving audio/video data to be written to a recording medium;

encoding said audio/video data using a given encoding method;

receiving a decoding program, wherein said decoding program is configured in a reverse process from said given encoding method such that said decoding program is capable of decoding said encoded audio/video data;

writing said audio/video data onto said recording medium;

writing said decoding program to storage means coupled to said recording medium;

reading said audio/video data written on said recording medium;

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reading said decoding program written on said storage means coupled to said recording medium; and

decoding said audio/video data using said decoding program.

24.   (New) A recording/reproducing apparatus comprising:

first receiving means for receiving audio/video data to be written to a recording medium;

encoding means for encoding said audio/video data using a given encoding method;

second receiving means for receiving a decoding program, wherein said decoding program is configured in a reverse process from said given encoding method such that said decoding program is capable of decoding said encoded audio/video data;

writing means for writing both said audio/video data and said decoding program onto said recording medium;

first reading means for reading said audio/video data written on said recording medium;

second reading means for reading said decoding program written on said recording medium; and

decoding means for decoding said audio/video data using said decoding program.

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